

# Himalaya International School

## Holidays Home Work (2022-23)

### Class VIII

Dear Parents,

Summer Holidays Homework is an initiative on our part to inculcate innovativeness, creativity and interest in the tasks assigned to students. It will not only enable them to recapitulate what was taught but will also help them to connect themselves to the various learning processes.

We would also like to tell you some points that would help you in your child's development and you would be able to understand your child better.

1. Take your child along to the market to buy things and while buying the things teach him/her the measurements such as how to add, subtract or multiply. Also tell him/her about the vegetables that are grown on or underground.
2. While walking on the road, give them the information about four directions and also the traffic rules that they should follow while walking or crossing the road.
3. Teach your child to use waste materials to make new things such as toys and other useful materials from used newspapers.
4. You can also teach your children to prepare new dishes during summer vacation.
5. The whole family should have dinner together but avoid watching TV or using mobile at that time.
6. Spend quality time with your children at the dining table, talking to each other and sharing your views.
7. Ask your child to plant a sapling and also show him how to take care of that sapling to help it grow into a healthy plant.
8. Please ensure that your children carry on with the Mindfulness activities daily that they have been taught in the school.
9. Share with your child some interesting events of your life and also make them a part of interesting discussions that are going on in your family.
10. Assign a permanent workplace and a work time. This brings discipline in their life.
11. Induce good manners – 4 magic words “Please, Thank you, Excuse me, Sorry” – Use them and see the difference.
12. Give your child weekend tasks like, “clean your shoe rack”, “Set your books in your shelf and study table after sorting”, “Wash your own plates after meals” etc.

## English

1. Our imagination knows no bound when we start writing a story. Let your creative skills frame a story based on a recent trip you made to an imagery place where use of plastic is completely banned. Highlight what difference you found there in the environment due to non-use of plastic and what alternatives are being used there instead of plastic. Use pictures to make it look real and attractive.
  2. Write a notice to be put on School notice board for all the students of classes 3<sup>rd</sup> to 8<sup>th</sup> announcing the opening of a fitness club named "Fitness Freaks", highlighting the importance of Aerobics, Yoga, meditation and nutritious food in our lives. Give adequate detail about time, date and venue.
  3. Prepare dialogues in different regional languages of your choice describing the food habits, dance and music, tradition and culture, costumes, festivals, etc. of those regions. Compile the sheets into a project file with a cover page mentioning the title "Bhasha Sangam" and decorate it with colourful and attractive images.
  4. Wisdom comes from knowledge and knowledge comes from reading. So, make wise use of summer break and indulge yourself in reading a good novel or story books. Write a book review and also pick up the new words along with their meanings, interesting lines or punchlines you came across while reading it.
  5. Revise all the work done in literature as well as language till date.
- PS: All the work should be done in A4 sized colourful sheets.

## Hindi

प्रश्न1 भाषा संगम- भारतीय संविधान में 22 भाषाओं को मान्यता प्राप्त है। किन्हीं 5 भाषाओं के 10 /10 वाक्य लिखें व याद करें। उन्हें बोलते हुए अपना दो-तीन मिनट का वीडियो भी बनाएँ। हो सके तो बोलते समय उसी राज्य की पोशाक/रूप सज्जा भी धारण कर सकते हैं।

प्रश्न2 सुंदरकांड की चौपाइयाँ मन को मोहने वाली हैं। कोई चार चौपाइयाँ याद करें व उन्हें लयात्मक तरीके से गाते हुए अपना दो-तीन मिनट का वीडियो भी बनाएँ।

प्रश्न 3 समाचार पत्र निर्माण-

हरियाली की पुनर्स्थापना

प्रत्येक विद्यार्थी के लिए 4 पृष्ठ निर्धारित हैं।

समाचारों को चित्रों के साथ प्रस्तुत करें। मुख्य पृष्ठ -समाचार पत्र का नाम और हरियाली का महत्व

हरियाली कमी के दुष्प्रभाव

हरियाली को बढ़ाने के सुझाव

स्वरचित कविताएँ, लेख, चित्र आदि को जोड़ सकते हैं।

प्रश्न 4 लेख लिखें व आवश्यक चित्रों से उसे सजाएँ।

क) मोबाइल का प्रयोग, बढ़ाएँ आँखों का रोग 1-10

ख) मौसमी फलों और सब्जियों का सेवन बेहतर स्वास्थ्य के लिए आवश्यक है। 11-20

ग) अंगदान/ रक्तदान- महादान 21-27

प्रश्न 5 अपनी पाठ्य पुस्तक में से प्रतिदिन एक पृष्ठ बोल बोल कर पढ़ें।

प्रश्न 6 अब तक करवाया गया सारा कक्षा कार्य याद करें।

## Mathematics

Note:

- ❖ Revise all chapters done in April and May month.
- ❖ Revise tables upto 25.

Q.1 Express  $\frac{3}{4}$  as a rational number whose denominator is:

- a) 20      b) -16 c) 28

Q.2 Find  $|x - y|$  and  $|y - x|$  when  $x = 9$  and  $y = \frac{1}{5}$ .

Q.3 Arrange the following rational numbers in ascending order.

$$\frac{8}{-15}, \frac{-3}{10}, \frac{-13}{20}, \frac{17}{-30}$$

Q.4 Find five rational numbers between  $\frac{-2}{5}$  and  $\frac{1}{5}$ .

Q.5 Prove that:  $[\frac{-2}{3} - (\frac{4}{-5})] - \frac{1}{2} = \frac{-11}{30}$

Q.6 By what number should we multiply  $\frac{-8}{13}$  to get the product 32?

Q.7 Simplify using suitable property:

$$\frac{91}{41} (\frac{-2}{3}) \div (\frac{4}{3}) \frac{91}{41} + (\frac{-2}{3}) \frac{91}{41}$$

Q.8 From a cord of 16 m length, two pieces of length  $3\frac{1}{3}$  m and  $2\frac{2}{5}$  m are cut off. Find the length of the remaining cord.

Q.9 Evaluate:  $|\frac{9}{7}| - |\frac{-2}{7}| + \frac{3}{7} - |\frac{4}{-7}|$

Q.10 Find the sum of additive inverse and multiplicative inverse of 5.

Q.11 Find the value of  $(6^{-1} - 7^{-1})^{-1}$ .

Q.12 Simplify and write the answer with positive integral index:

- a)  $(-4 \times 7)^{-3}$   
b)  $27^3 \times 3^{-6}$

Q.13 By what number should  $(\frac{-3}{5})^{-3}$  be divided so that the quotient is  $(\frac{3}{5})^{-2}$ ?

Q.14 Simplify:  $[\{(\frac{1}{2})^2\}^{-2}]^{-1}$

Q.15 Prove that:  $\frac{25 \times 2x^{-4}}{5^{-2} \times 10x^{-6}} = 125x^2$

Q.16 Solve for x:  $3^{3x+3} = 9^{x+4}$

Q.17 Express in negative exponent.

$$[(\frac{5}{3})^{-2}]^{-3} \times (\frac{-1}{9})^{-2} \times \frac{1}{25}$$

Q.18 Simplify:

$$\frac{2^2 \times 3^4 \times 2^5}{2^4 \times 9}$$

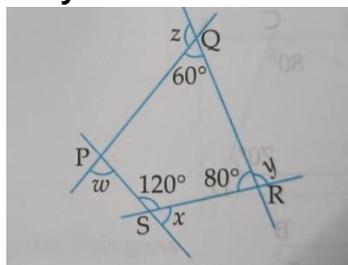
Q.19 Express each of the following in standard form.

- a) 1123170000      b) 0.00006776      c) 6778.00985

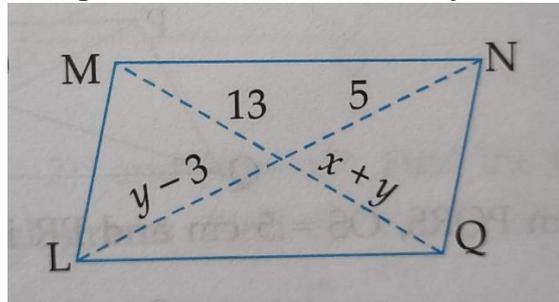
Q.20 Express the following in usual form.

- a)  $2.1 \times 10^7$       b)  $12.12 \times 10^{-4}$       c)  $3.987 \times 10^{-6}$

Q.21 from the following figure, find  $x + y + z + w$ .



- Q.22 The four angles of a quadrilateral are in the ratio 2 : 3 : 6 : 9. Find the angles.
- Q.23 a) How many sides does a regular polygon have if each of its interior angles is  $165^\circ$ ?  
 b) How many sides does a regular polygon have if the measure of an exterior angle is  $24^\circ$ ?
- Q.24 The measure of the angles of a pentagon are  $(x - 5)^\circ$ ,  $(x - 6)^\circ$ ,  $(2x - 7)^\circ$ ,  $x^\circ$  and  $(2x - 2)^\circ$ . Find the value of  $x$ .
- Q.25 The measure of one angle of a parallelogram is  $75^\circ$ . What is the measure of the other angles?
- Q.26 The ratio of two sides of a parallelogram is 3 : 5 and its perimeter is 96 cm. Find the sides of the parallelogram.
- Q.27 From the given parallelogram, find the values  $x$ ,  $y$  and  $z$ .



- Q.28 The diagonals of a rhombus are 8 cm and 6 cm. Find the length of each side of the rhombus.

### Science

- Q1. Take two pots filled with different soil and sow seeds of any plant in both the pots. Observe the growth in both pots and write a report on it.
- Q2. Take a lighted candle and a matchstick. Place the matchstick's head in different zones of the candle and hold it there for a few seconds. Observe in which zone it does not burn. Write a report on it.
- Q3. Had you been an advisor to the department of agricultural practices, what would have you advised the farmers for weeding their field – chemical weedicides or biological control of weeds? why?
- Q4.
- (i) Make a working model of Solar System by using balls of different size & colour.  
(Roll no from 1 to 10)
  - (ii) Make a working model of "Vaccum Cleaner"  
(Roll no from 10 to 20)
  - (iii) Make a working model of "Kidney"  
(Roll no from 20 to 30)

NOTE :- Revise all the chapter which has been studied in class.

### Social Science

#### Q1 CASE STUDY ON COVID-19

Surf the Internet to find out the following about Covid-19.

- (i) Which vaccines are currently available in India and World Wide?
- (ii) Can other vaccine be given with COVID-19 vaccine?
- (iii) Who is eligible for a booster dose? And when should it be administered?
- (iv) Are COVID-19 vaccines associated with thrombotic complications? If so, which vaccines?
- (v) How does the risk-benefits ratio for COVID-19 vaccination differ in children?

On the basis of your findings make a case study titled "Vaccine availability and indication for vaccination" on A4 size sheet.

Q2 "I am proud to be an Indian."

Write and learn this sentence in ten different languages.

Q3 Enlist names of Chief Ministers, Governors and Education Ministers of each state in a table on A4 size sheet and show in political map of India. One has been done for you.

State	Chief Minister	Governor	Education Minister
Haryana	Manohar Lal Khattar	Bandaru Dattatreya	Kanwar Pal Gujjar

Q4 Revise all chapters which have been studied in the class.

### Sanskrit

- प्र०1 मम परिचयः देयम्- (संस्कृत में अपना परिचय दस वाक्यों में लिखें)।  
प्र०2 महाभारतस्य एकं श्लोकं स्मृत्वा लिखत- (महाभारत का कोई एक श्लोक याद करके हिंदी अर्थ सहित चार्ट पेपर पर लिखें)।  
प्र०3 प्रकृत्याः संरक्षणे दश वाक्यानि रचेत- ( प्रकृति संरक्षण पर दस वाक्य संस्कृत में बोलते हुए विडियो बनाएँ)।  
प्र०4 संस्कृतस्य पञ्च ग्रन्थानां चित्रं रचेत- ( संस्कृत के किन्हीं पाँच ग्रन्थों का चित्र बनाकर नाम लिखिए)।  
प्र०5 चत्वारः योगासनानां चित्रं रचेत- ( किन्हीं चार योगासन का चित्र बनाकर संस्कृत में उनके नाम लिखिए)।

### Computer

1. Write short note on any one topology. Write its advantages and disadvantages.
2. What are the ways to implement network security.

### Art

Note :- These pages work you have to do in your Art book ( A B C D).

- **Typography in Logo design** (Book page no. 65)
- **Collage** (Book page no. 67)
- **Tattoo Art** (Book page no. 68)
- **Temporary Tattoo** (Book page no. 69)
- **Permanent Tattoo** (Book page no. 70)

Roll No. 1 – 5	Draw a beautiful mandala Art on A – 3 size pastel sheet.
Roll No. 6 – 10	Prepare a poster on the topic "Constitution Day" on A – 3 size pastel sheet.
Roll No. 11- 15	EK BHARAT SHRESHAT BHARAT- Write ' Sorry ' word in different languages of Indian states on A – 3 size pastel sheet.
Roll No. 16 – 20	Draw a beautiful Patua Art on A – 3 size pastel sheet.
Roll No. 21 –25	Ek BHARAT SHRESHAT BHARAT – BHASHA SANGAM Write 'Please' word in different languages of Indian states on A -3 size pastel sheet.
Roll No. 26 --30	Draw a creative poster on 'Conserve our ecosystem' on A – 3 size pastel sheet.

Note: - Do activity as mentioned above and according to your roll no. wise.

### GK

Revise all the work done in April & May month.